

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number  
**WO 2005/038462 A1**

(51) International Patent Classification<sup>7</sup>: **G01N 33/574**

(21) International Application Number:  
**PCT/JP2004/013883**

(22) International Filing Date:  
15 September 2004 (15.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003-360638 21 October 2003 (21.10.2003) JP

(71) Applicant (for all designated States except US): **SUN-  
TORY LIMITED** [JP/JP]; 1-40, Dojimahama 2-chome,  
Kita-ku, Osaka-shi, Osaka 530-8203 (JP).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MIZUTANI, Shige-  
hiko** [JP/JP]; 57, Umezono-dori, Kuwana-shi, Mie 511-  
0815 (JP).

(74) Agent: **IWATANI, Ryo**; Sakurabashi Chiyoda Bldg. 5F,  
1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-  
0003 (JP).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii)) for the following designations AE,  
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,  
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE,  
EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM,  
PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,  
TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM,  
ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA,  
SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent  
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
SN, TD, TG)
- of inventorship (Rule 4.17(iv)) for US only
- as to non-prejudicial disclosures or exceptions to lack of  
novelty (Rule 4.17(v)) for all designations

**Published:**

- with international search report
- with a declaration as to non-prejudicial disclosures or ex-  
ceptions to lack of novelty

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: **METHOD FOR PROGNOSTIC EVALUATION OF CARCINOMA USING ANTI-P-LAP ANTIBODY**

(57) Abstract: The present invention provides a reagent for prognostic evaluation of carcinoma patients, comprising an anti-P-LAP antibody as an active ingredient. Also, the present invention provides a method for determination of P-LAP which is a prognostic factor in carcinoma patients comprising (a) a step of contacting carcinoma tissues obtained from carcinoma patients by surgical operation with an anti-P-LAP antibody and (b) a step of measuring the intensity of the specific antigen-antibody reaction between P-LAP present in the carcinoma tissues and anti-P-LAP antibody.



**WO 2005/038462 A1**